

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	100	("5966513" "6085238" "6172991" "6226644" "6226644" "6289377" "6584074" "6760775" "6779039" "6014700" "6044369" "6128644" "6003083" "6047324" "6049528" "6075776" "6137791" "6272537" "6279037" "6327620" "6374299" "6415331" "6446141" "6493446" "6529882" "6584491" "6728748" "6167448" "6405211" "6529941" "6636845" "6721727" "6748382" "6792577" "6032266" "6148411" "6094649" "6279006" "6347307" "6356907" "6366934" "6421656" "6453329" "6519597" "6535884" "6584459" "6647410" "6654737" "6665663" "6697817").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 12:56
L2	96	("6701328" "6728694" "6748569" "6754648" "6763343" "6785685" "6795868" "6817008" "6820135" "6826582" "6041041" "6067557" "6212559" "6212559" "6335919" "6553031" "6665273" "6798993" "6320845" "6621791" "5720035" "6091737" "6115362" "6160795" "6269398" "6400722" "6401117" "6421730" "6625689" "6701338" "5319644" "5537099" "5802309" "6115041" "6282169" "6414958" "6421714" "6463133" "6490617" "6501757" "6718379" "6202087" "6336137" "6697805" "6012098" "6012984" "6055569" "6249844" "6463440" "6476833").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:48
L21	1225	(configuration and operational) same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:28
L22	487	(configuration same operational) same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:30
L23	7	(configuration same operational) same request same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:30

L24	0	((l1 or l2) and (configuration same operational) same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:30
L25	12	((configuration near2 request) and (operational near2 request)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:32
L26	7	((configuration near2 request) and (operational near2 request) and router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:33
L27	2	((configuration near2 request) same router) and ((operational near2 request) and router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:34
L28	3	((configuration near4 request) same router) and ((operational near4 request) and router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:10
L29	26	((configuration near4 request) same router) and ((operational near4 request) and router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:16
L30	10	((configuration near4 request) same router) and ((operational near4 request) same router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:16
L31	644	xml adj2 tag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:48
L32	7	xml adj2 tag same router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:48
L33	99	xml adj2 tag and router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:49

L34	1	(xml adj2 tag and router).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:50
L35	2	(xml adj2 tag).ab. and router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:50
L36	2	("6212559").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 17:06
S1	9039	(709/217,218,224,227,310).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:44
S2	1869	(707/2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:41
S3	2561	(705/14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:42
S4	4201	(rout\$4) same configurat\$4 same request\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:40
S5	50	(rout\$4) same configurat\$4 same request\$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:54
S6	2	(S1 or S2 or S3)and (rout\$4) same configurat\$4 same request\$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:46
S7	2	(S1 or S2 or S3)and (rout\$4) same configurat\$4 same request\$4 same (xml or "extensible markup language")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:51

S8	3	emit\$4 same (respons\$2 or repl\$4) same (xml or "extensible markup language") same network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:52
S9	8	(rout\$4) same (tabl\$2) same configurat\$4 same request\$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:54
S10	4	(rout\$4) near4 (tabl\$2) same configurat\$4 same request\$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:57
S11	21	configurat\$4 same request same encod\$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:36
S12	21	configurat\$4 same request same encod\$4 same (xml or "extensible markup language")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:37
S13	15	configurat\$4 same request same encod\$4 same (xml or "extensible markup language") and (rout\$4 or WAN or hub or LAN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:37
S14	24908973	((rout\$4) same configurat\$4 same request\$4)@pd<="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:42
S15	11061	((rout\$4) same configurat\$4 same request\$4)@pd="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:44
S17	7195	(S1 or S2 or S3) and ((rout\$4) same configurat\$4 same request\$4)@pd="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:44
S19	20154	(S1 or S2 or S3)@pd="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:46

S20	2	S19 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:48
S21	335	S19 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:10
S22	161	S21 and (rout\$4) same table\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 13:11
S23	10	((("6640241") or ("5964844") or ("6671869") or ("6735630") or ("6434543"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 13:12
S24	305	(xml or "extensible markup language") same request same rout\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S25	130	(xml or "extensible markup language") same request same rout\$4 and (pars\$4 or examin\$4 or analyz\$4) same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:14
S26	17	(xml or "extensible markup language") same request same rout\$4 and (pars\$4 or examin\$4 or analyz\$4) same configurat\$4 same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S27	9039	(709/217,218,224,227,310).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S28	1869	(707/2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S29	2561	(705/14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15

S30	20154	(S27 or S28 or S29)@pd="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S31	23	S30 and (xml or "extensible markup language") same request same rout\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:25
S32	0	S30 and (xml or "extensible markup language") same request same rout\$4 and (pars\$4 or examin\$4 or analyz\$4) same configurat\$4 same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S33	27984	(manag\$4) same rout\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:26
S34	5176	(manag\$4) same router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29
S35	527	S34 and (xml or "extensible markup language")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:27
S36	360	S34 and (xml or "extensible markup language") and ((control\$4 or configur\$4) same router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29
S37	12	S34 and (xml or "extensible markup language") and ((control\$4 or configur\$4) same (network adj router))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29
S38	0	S30 and S34 and (xml or "extensible markup language") and ((control\$4 or configur\$4) same (network adj router))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29
S39	450	S30 and (manag\$4) same router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29

S40	37	S30 and S34 and (xml or "extensible markup language") and ((control\$4 or configur\$4) same router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 12:37
S41	90	("6393456" "6418448" "6351748" "6449633" "6529905" "6574655" "6606642" "6658429" "6721871" "6829606" "5949974" "5799072" "6041349" "6711613" "6219708" "6219708" "6119165" "6434141" "6748473" "6697818" "6421673" "6442460" "6826716" "6629002" "6795854" "5926463" "5859852" "5586121" "5818845" "5828655" "5835727" "6031836" "6104727" "5898823" "5946322" "6005850" "6016316" "6078952" "6144987" "6151326" "6018721" "6038594" "6061334" "6512744" "5541911" "5634010" "5740424" "5802042" "5812779" "5905872").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 12:45

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PLUS Search Results for S/N 09871046, Searched December 09, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6393456	5966513	6701328
6418448	6085238	6728694
6351748	6172991	6748569
6449633	6226644	6754648
6529905	6226644	6763343
6574655	6289377	6785685
6606642	6584074	6795868
6658429	6760775	6817008
6721871	6779039	6820135
6829606	6014700	6826582
5949974	6044369	6041041
5799072	6128644	6067557
6041349	6003083	6212559
6711613	6047324	6212559
6219708	6049528	6335919
6219708	6075776	6553031
6119165	6137791	6665273
6434141	6272537	6798993
6748473	6279037	6320845
6697818	6327620	6621791
6421673	6374299	5720035
6442460	6415331	6091737
6826716	6446141	6115362
6629002	6493446	6160795
6795854	6529882	6269398
5926463	6584491	6400722
5859852	6728748	6401117
5586121	6167448	6421730
5818845	6405211	6625689
5828655	6529941	6701338
5835727	6636845	5319644
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6104727	6748382	5802309
5898823	6792577	6115041
5946322	6032266	6282169



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6078952	6279006	6463133
6144987	6347307	6490617
6151326	6356907	6501757
6018721	6366934	6718379
6038594	6421656	6202087
6061334	6453329	6336137
6512744	6519597	6697805
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5634010	6584459	6012984
5740424	6647410	6055569
5802042	6654737	6249844
5812779	6665663	6463440
5905872	6697817	6476833

09871046\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09871046 on December 09, 2004

Original Classifications

12	709/223
9	707/10
4	370/254
4	707/1
4	707/3
4	709/224
4	709/226
4	709/246
3	709/200
3	709/221
3	709/238
2	370/230
2	370/255
2	370/352
2	370/389
2	370/449
2	370/468
2	705/35
2	707/101
2	707/102
2	707/2
2	707/4
2	709/202
2	709/203
2	709/206
2	709/217
2	709/227

Cross-Reference Classifications

16	709/223
15	715/513
9	707/10
9	707/100
9	707/102
9	709/224
9	709/238
8	370/401
7	707/104.1
7	709/203
7	709/218
6	709/217
6	709/229
5	707/4

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5 709/219  
5 709/220  
5 709/230  
5 709/249  
4 707/101  
4 707/9  
4 709/202  
4 709/227  
4 719/315  
3 370/235  
3 370/276  
3 370/392  
3 370/412  
3 370/428  
3 707/1  
3 707/103R  
3 707/201  
3 709/206  
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3 709/242  
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2 713/340

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2 714/21  
2 714/47  
2 714/48  
2 715/514  
2 715/700

Combined Classifications

28 709/223  
18 707/10  
16 715/513  
13 709/224  
12 709/238  
11 707/102  
10 707/100  
9 370/401  
9 709/203  
8 707/104.1  
8 709/217  
7 707/1  
7 707/4  
7 709/218  
7 709/229  
7 709/246  
6 707/101  
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3 370/412  
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2 714/21  
2 714/47  
2 714/48  
2 715/514  
2 715/522  
2 715/523  
2 715/700

09871046\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09871046 on December 09, 2004

28	709/223	(12 OR, 16 XR)
	Class	709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING	709/200	MULTICOMPUTER DATA TRANSFERRING
	709/223	.Computer network managing
18	707/10	(9 OR, 9 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/10	.Distributed or remote access
16	715/513	(1 OR, 15 XR)
	Class	715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT
	715/513	STRUCTURED DOCUMENT (E.G., HTML, SGML, ODA, CDA)
13	709/224	(4 OR, 9 XR)
	Class	709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING	709/200	MULTICOMPUTER DATA TRANSFERRING
	709/223	.Computer network managing
	709/224	..Computer network monitoring
12	709/238	(3 OR, 9 XR)
	Class	709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING	709/200	MULTICOMPUTER DATA TRANSFERRING
	709/238	.Computer-to-computer data routing
11	707/102	(2 OR, 9 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100	DATABASE SCHEMA OR DATA STRUCTURE
	707/102	.Generating database or data structure (e.g., via user interface)
10	707/100	(1 OR, 9 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE

09871046\_CLSTITLES  
MANAGEMENT OR DATA STRUCTURES  
DATABASE SCHEMA OR DATA STRUCTURE

707/100

- 9 370/401 (1 OR, 8 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address header  
370/400 ..Having a plurality of nodes performing distributed switching  
370/401 ...Bridge or gateway between networks

- 9 709/203 (2 OR, 7 XR)  
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

- 709/200 MULTICOMPUTER DATA TRANSFERRING  
709/201 .Distributed data processing  
709/203 ..Client/server

- 8 707/104.1 (1 OR, 7 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
707/100 DATABASE SCHEMA OR DATA STRUCTURE  
707/104.1 .Application of database or data structure (e.g., distributed, multimedia, image)

- 8 709/217 (2 OR, 6 XR)  
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

- 709/200 MULTICOMPUTER DATA TRANSFERRING  
709/217 .Remote data accessing

- 7 707/1 (4 OR, 3 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING

- 7 707/4 (2 OR, 5 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/3 .Query processing (i.e., searching)  
707/4 ..Query formulation, input preparation, or translation

- 7 709/218 (0 OR, 7 XR)

09871046 CLSTITLES

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/217 .Remote data accessing  
709/218 ..Using interconnected networks

7 709/229 (1 OR, 6 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/227 .Computer-to-computer session/connection  
establishing  
709/229 ..Network resources access controlling

7 709/246 (4 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/246 .Computer-to-computer data modifying

6 707/101 (2 OR, 4 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES

707/100 DATABASE SCHEMA OR DATA STRUCTURE  
707/101 .Manipulating data structure (e.g.,  
compression, compaction, compilation)

6 709/202 (2 OR, 4 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/201 .Distributed data processing  
709/202 ..Processing agent

6 709/219 (1 OR, 5 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/217 .Remote data accessing  
709/219 ..Accessing a remote server

6 709/226 (4 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING



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SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

## RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
 709/223 .Computer network managing  
 709/226 ..Network resource allocating

6 709/227 (2 OR, 4 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

## RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
 709/227 .Computer-to-computer session/connection  
 establishing

5 370/254 (4 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/254 NETWORK CONFIGURATION DETERMINATION

5 707/3 (4 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
 MANAGEMENT OR DATA STRUCTURES  
 707/1 DATABASE OR FILE ACCESSING  
 707/3 .Query processing (i.e., searching)

5 709/206 (2 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

## RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
 709/204 .Computer conferencing  
 709/206 ..Demand based messaging

5 709/220 (0 OR, 5 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

## RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
 709/220 .Network computer configuring

5 709/230 (0 OR, 5 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

## RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
 709/230 .Computer-to-computer protocol implementing

5 709/249 (0 OR, 5 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

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SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
 709/249 .Multiple network interconnecting

4 370/230 (2 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL  
 370/230 .Control of data admission to the network

4 370/235 (1 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL  
 370/235 .Flow control of data transmission through a  
 network

4 370/392 (1 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 .Switching a message which includes an address  
 header  
 370/392 ..Processing of address header for routing, pe

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4 707/103R (1 OR, 3 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
 MANAGEMENT OR DATA STRUCTURES  
 707/100 DATABASE SCHEMA OR DATA STRUCTURE  
 707/103R .Object-oriented database structure

4 707/9 (0 OR, 4 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE  
 MANAGEMENT OR DATA STRUCTURES  
 707/1 DATABASE OR FILE ACCESSING  
 707/9 .Privileged access

4 709/200 (3 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

4 709/236 (1 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

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709/230 .Computer-to-computer protocol implementing  
709/236 ..Computer-to-computer data framing

4 719/315 (0 OR, 4 XR)

Class 719 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER

PROCESS

COMMUNICATION (IPC)

719/313 INTERPROGRAM COMMUNICATION USING MESSAGE

719/315 .Object oriented message

3 370/241 (1 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

)

3 370/255 (2 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/254 NETWORK CONFIGURATION DETERMINATION

370/255 .Using a particular learning algorithm or  
technique

3 370/276 (0 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/276 DUPLEX

3 370/389 (2 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address  
header

3 370/402 (1 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address  
header

370/400 ..Having a plurality of nodes performing  
distributed switching

370/401 ...Bridge or gateway between networks

370/402 ....Bridge between bus systems

3 370/404 (1 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address  
header

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- 370/400      ..Having a plurality of nodes performing distributed switching
- 370/401      ...Bridge or gateway between networks
- 370/402      ....Bridge between bus systems
- 370/403      .....At least one bus is a ring network
- 370/404      .....Ring or loop forms backbone for interconnecting other networks
  
- 3    370/412      (0 OR, 3 XR)
  - Class    370 :    MULTIPLEX COMMUNICATIONS
  - 370/351      PATHFINDING OR ROUTING
  - 370/389      .Switching a message which includes an address header
  - 370/412      ..Queuing arrangement
  
- 3    370/428      (0 OR, 3 XR)
  - Class    370 :    MULTIPLEX COMMUNICATIONS
  - 370/351      PATHFINDING OR ROUTING
  - 370/428      .Store and forward
  
- 3    370/449      (2 OR, 1 XR)
  - Class    370 :    MULTIPLEX COMMUNICATIONS
  - 370/431      CHANNEL ASSIGNMENT TECHNIQUES
  - 370/449      .Polling
  
- 3    370/468      (2 OR, 1 XR)
  - Class    370 :    MULTIPLEX COMMUNICATIONS
  - 370/464      COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS
  - 370/465      .Adaptive
  - 370/468      ..Assignment of variable bandwidth or time period for transmission or reception
  
- 3    707/2      (2 OR, 1 XR)
  - Class    707 :    DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
  - 707/1      DATABASE OR FILE ACCESSING
  - 707/2      .Access augmentation or optimizing
  
- 3    707/201      (0 OR, 3 XR)
  - Class    707 :    DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
  - 707/200      FILE OR DATABASE MAINTENANCE
  - 707/201      .Coherency (e.g., same view to multiple users)
  
- 3    709/201      (1 OR, 2 XR)
  - Class    709 :    ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

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SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/201 .Distributed data processing

3 709/221 (3 OR, 0 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/220 .Network computer configuring  
709/221 ..Reconfiguring

3 709/242 (0 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/238 .Computer-to-computer data routing  
709/242 ..Routing data updating

3 709/245 (1 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/245 .Computer-to-computer data addressing

3 715/501.1 (0 OR, 3 XR)

Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/501.1 HYPERMEDIA

3 718/104 (0 OR, 3 XR)

Class 718 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: VIRTUAL MACHINE TASK OR PROCESS MAN

AGEMENT OR TASK

MANAGEMENT/CONTROL  
718/100 TASK MANAGEMENT OR CONTROL  
718/102 .Process scheduling  
718/104 ..Resource allocation

3 719/329 (0 OR, 3 XR)

Class 719 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER

PROCESS

COMMUNICATION (IPC)  
719/328 APPLICATION PROGRAM INTERFACE (API)

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719/329 .Data transfer between application windows

2 370/232 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL  
 370/230 .Control of data admission to the network  
 370/232 ..Based on data flow rate measurement

2 370/252 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

)

370/252 .Determination of communication parameters

2 370/285 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/276 DUPLEX  
 370/282 .Transmit/receive interaction control  
 370/285 ..Bridge

2 370/352 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/352 .Combined circuit switching and packet  
 switching

2 370/395.31 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 .Switching a message which includes an address  
 header  
 370/395.1 ..Message transmitted using fixed length  
 packets (e.g., ATM cells)  
 370/395.3 ...Connection identifier assignment  
 370/395.31 ....Including routing table

2 370/397 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 .Switching a message which includes an address  
 header  
 370/395.1 ..Message transmitted using fixed length  
 packets (e.g., ATM cells)  
 370/396 ...Distributed switching  
 370/397 ....Employing logical addressing for routing  
 (e.g., VP or VC)

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2  370/400      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351 PATHFINDING OR ROUTING
    370/389 .Switching a message which includes an address
              header
    370/400 ..Having a plurality of nodes performing
              distributed switching

2  370/407      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351 PATHFINDING OR ROUTING
    370/389 .Switching a message which includes an address
              header
    370/400 ..Having a plurality of nodes performing
              distributed switching
    370/407 ...Interconnected star couplers

2  370/408      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351 PATHFINDING OR ROUTING
    370/389 .Switching a message which includes an address
              header
    370/400 ..Having a plurality of nodes performing
              distributed switching
    370/408 ...Nodes interconnected in hierarchy to form a
              tree

2  370/410      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351 PATHFINDING OR ROUTING
    370/389 .Switching a message which includes an address
              header
    370/400 ..Having a plurality of nodes performing
              distributed switching
    370/410 ...Having a signaling feature

2  370/422      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351 PATHFINDING OR ROUTING
    370/389 .Switching a message which includes an address
              header
    370/422 ..Centralized switching

2  370/463      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/431 CHANNEL ASSIGNMENT TECHNIQUES
    370/463 .Details of circuit or interface for connectin

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user to the network

2 370/486 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having  
multiple packets  
370/480 .Combining or distributing information via  
frequency channels  
370/485 ..Subscriber carrier  
370/486 ...Program distribution

2 455/432.2 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/432.1 ..Roaming  
455/432.2 ...System format conversion

2 705/35 (2 OR, 0 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN  
ATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT  
705/35 .Finance (e.g., banking, investment or credit)

2 705/36 (0 OR, 2 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN  
ATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT  
705/35 .Finance (e.g., banking, investment or credit)  
705/36 ..Portfolio selection, planning or analysis

2 705/37 (0 OR, 2 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN  
ATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT  
705/35 .Finance (e.g., banking, investment or credit)  
705/37 ..Trading, matching, or bidding

2 707/200 (1 OR, 1 XR)



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Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/200			FILE OR DATABASE MAINTENANCE
2	707/203		(0 OR, 2 XR)
Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/200			FILE OR DATABASE MAINTENANCE
707/201			.Coherency (e.g., same view to multiple users)
707/203			..Version management
2	707/5		(1 OR, 1 XR)
Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/1			DATABASE OR FILE ACCESSING
707/3			.Query processing (i.e., searching)
707/5			..Query augmenting and refining (e.g., inexact access)
2	707/6		(0 OR, 2 XR)
Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/1			DATABASE OR FILE ACCESSING
707/3			.Query processing (i.e., searching)
707/6			..Pattern matching access
2	709/222		(1 OR, 1 XR)
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
709/200			MULTICOMPUTER DATA TRANSFERRING
709/220			.Network computer configuring
709/222			..Initializing
2	709/225		(1 OR, 1 XR)
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
709/200			MULTICOMPUTER DATA TRANSFERRING
709/223			.Computer network managing
709/225			..Computer network access regulating
2	709/231		(0 OR, 2 XR)
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
709/200			MULTICOMPUTER DATA TRANSFERRING

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709/230 .Computer-to-computer protocol implementing  
709/231 ..Computer-to-computer data streaming

2 709/232 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/230 .Computer-to-computer protocol implementing  
709/232 ..Computer-to-computer data transfer regulatin

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2 709/243 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/238 .Computer-to-computer data routing  
709/243 ..Decentralized controlling

2 713/340 (0 OR, 2 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT  
713/300 COMPUTER POWER CONTROL  
713/340 .Having power source monitoring

2 714/21 (0 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING  
714/1 .Reliability and availability  
714/2 ..Fault recovery  
714/15 ...State recovery (i.e., process or data file)  
714/21 ....State validity check

2 714/47 (0 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING  
714/1 .Reliability and availability  
714/47 ..Performance monitoring for fault avoidance

2 714/48 (0 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT

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DETECTION/RECOVERY

714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

714/1 .Reliability and availability  
714/48 ..Error detection or notification

2 715/514 (0 OR, 2 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/514 HIERARCHICAL CONTROL

2 715/522 (1 OR, 1 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/517 LAYOUT  
715/522 .Format information in separate file

2 715/523 (1 OR, 1 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/517 LAYOUT  
715/523 .Format transformation

2 715/700 (0 OR, 2 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
Could not find subclass title.